

WHAT IS CLAIMED

1. An in-store equipment remote monitoring system comprising a controller provided in each store and monitoring and controlling in-store equipment and a monitoring computer connected to the controller in the store through a public line, wherein

the controller comprises data transmission means for transmitting to the monitoring computer data related to each in-store equipment and predetermined measurement data, and display means for displaying power saving advice information fed from the monitoring computer, and

the monitoring computer comprises power saving advice information production means for producing power saving advice information for efficiently operating each in-store equipment on the basis of the data received from the controller, and power saving advice information transmission means for transmitting to the controller the produced power saving advice information.

2. The in-store equipment remote monitoring system according to claim 1, wherein

when the in-store equipment is illuminating equipment, the data transmission means transmits inside-store illumination set by a user and an outside-store illumination measured value from the controller to the monitoring computer, and

the power saving advice information production means comprises means for calculating, on the basis of historical data related to the outside-store illumination measured values received from the controller, historical data related to weather forecasting, and weather forecasting for tomorrow, an outside-store illumination estimated value for each time of all tomorrow, and means for calculating, on the basis of the obtained outside-store illumination estimated value for each time of all tomorrow and the set inside-store illumination received from the controller, recommended inside-store illumination for each time of all tomorrow.

3. The in-store equipment remote monitoring system according to claim 1, wherein

when the in-store equipment is air conditioning equipment,

the data transmission means transmits an inside-store temperature set by a user, an inside-store temperature measured value and an outside-store temperature measured value, and the measured value of a factor affecting the inside-store temperature by equipment other than the air conditioning equipment from the controller to the monitoring computer, and

the power saving advice information production means comprises means for calculating, on the basis of historical data related to the inside-store temperature measured values,

the outside-store temperature measured values, and the measured values of the factors affecting the inside-store temperature by the equipment other than the air conditioning equipment which are received from the controller, historical data related to weather forecasting, and weather forecasting for tomorrow, an inside-store temperature estimated value for each time of all tomorrow, and means for calculating, on the basis of the obtained inside-store temperature estimated value for each time of all tomorrow and the set inside-store temperature received from the controller, an inside-store temperature adjustment level for each time of all tomorrow.

4. The in-store equipment remote monitoring system according to claim 3, wherein

the measured value of the factor affecting the inside-store temperature by the equipment other than the air conditioning equipment is the measured value of the interior temperature of a freezing equipment and/or the number of times of opening/closing of a store outlet/inlet door.